(54) Title: PRINTING APPARATUS, AND FIRMWARE UPDATING METHOD THEREFOR

(54) 発明の名称: 印刷装置及びそのファームウェア更新方法
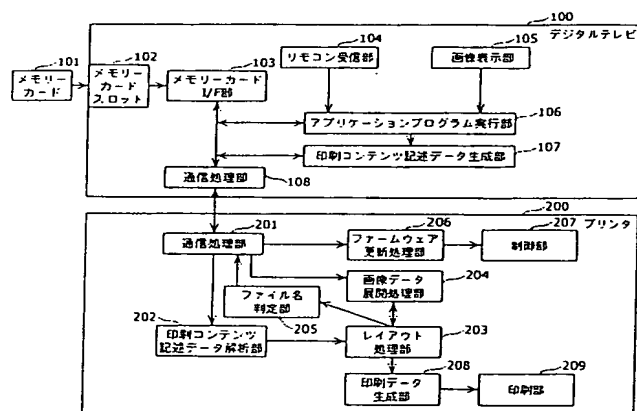
(57) Abstract: A printing apparatus capable of updating a firmware. The printing apparatus is connected with an external device capable of instructing the print of image data. The printing apparatus comprises acquisition means for acquiring at least one of the image data and firmware data, i.e., data necessary for updating the firmware, judgement means for judging whether the firmware is to be updated or the image data is to be printed, and execution means for updating the firmware with the firmware data acquired by the acquisition means, in case it is judged by the judgement means that the firmware is to be updated, and for printing the image data acquired by the acquisition means, in case it is judged by the judgement means that the image data is to be printed. DWARING: FIG. 3: 101 MEMORY CARD 102 MEMORY CARD SLOT 103 MEMORY CARD I/F UNIT 104 REMOTECONTROL RECEPTION UNIT 105 IMAGE DISPLAY UNIT 100 DIGITAL TV SET 106 APPLICATION PROGRAM EXECUTION UNIT 107 PRINT CONTENTS DESCRIPTION DATA CREATION UNIT 108 COMMUNICATION PROCESS UNIT 201 COMMUNICATION PROCESS UNIT 206 FIRMWARE UPDATE PROCESS UNIT 207 CONTROL UNIT 200 PRINTER 205 FILE NAME JUDGEMENT UNIT 204 IMAGE DATA DEVELOPMENT PROCESS UNIT 202 PRINT CONTENTS DESCRIPTION DATA ANALYSIS UNIT 203 LAYOUT PROCESS UNIT 208 PRINT DATA CREATION UNIT 209 PRINT UNIT

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102 MEMORY CARD SLOT
103 MEMORY CARD I/F UNIT
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107 PRINT CONTENTS DESCRIPTION DATA CREATION UNIT
108 COMMUNICATION PROCESS UNIT
201 COMMUNICATION PROCESS UNIT
206 FIRMWARE UPDATE PROCESS UNIT
207 CONTROL UNIT
200 PRINTER
205 FILE NAME JUDEGEMENT UNIT
204 IMAGE DATA DEVELOPMENT PROCESS UNIT
202 PRINT CONTENTS DESCRIPTION DATA ANALYSIS UNIT
203 LAYOUT PROCESS UNIT
208 PRINT DATA CREATION UNIT
209 PRINT UNIT

ATTACHMENT "E"

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